

# Muhammad Ismail Daniyal

H#225, Chiniot, Punjab, Pakistan | Postal Code: 35400

<https://portfolio-ismailsarfraz9345-gmailcoms-projects.vercel.app/>

+ 92 3176435671 | [ismailsarfraz9345@gmail.com](mailto:ismailsarfraz9345@gmail.com) | <https://github.com/ismaildaniyal> | <https://www.linkedin.com/in/ismail-sarfraz/>

## Professional Summary

I am a dedicated and passionate web developer with hands-on experience in both front-end and back-end technologies, including database, focusing on building user-friendly, scalable solutions. I thrive in collaborative environments, working closely with project managers, and am eager to contribute my skills to innovative projects in a team-oriented setting.

## EDUCATION

- **FAST-NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES** Sep 2021 Jun 2025
  - Bachelor's in Computer Science

## EXPERIENCE

- **Freelancing - (Fiver)** 2023 - Ongoing
  - Delivered tailored software solutions on platforms, specializing in **Python development, C++, Web applications and AI automation.**
- **Teaching Assistant** FAST-NUCES | CFD
  - Assisted 350+ students across 32 weeks in the following courses
    - Provided guidance on complex concepts, coding practices, and assessment preparation, receiving positive feedback from students and faculty.
  - **Data Structure** Spring 2023
  - **Social Network (Theory and Practices)** Fall 2024
  - **Design and Analysis of Algorithms** Fall 2025
  - **Web-Development** Spring 2025

## PROJECTS

- **[Text to Floor Plan Generation \(2D and 3D\)](#) | FYP** Graph Transformer, React.js, Django, MySQL
  - Leading the development of a system that transforms natural language prompts into 2D and 3D floor plans by fine-tuning Graph Transformers, with full-stack implementation using React.js and MySQL for seamless user interaction and automation.
  - Designed a system for feature extraction and spatial layout generation, ensuring logical and functional floor plans.
- **[Pak Railway Web Platform](#)** Html, CSS, Node.js, Express.js, MongoDB, JWT
  - Currently developing a full-stack web application for Pakistan Railways, with functionalities like ticket booking, schedule tracking, and user management
- **[MedScope-AI: Virtual Medical Assistant](#)** Python, RAG, Next.js, Restful API
  - Developed an virtual assistant that responds to health-related queries using NLP understanding.
  - Designed a user-friendly interface that mimics human-like interactions for a seamless user experience.
- **[Blogging Website](#)** Docker, GitHub Actions, Bash, React.js, Node.js, MongoDB
  - Containerized a blogging web application using Docker and Docker Compose with 3 Services.
  - Configured systemd services, kernel parameters, and firewall settings to ensure reliable Linux-based server deployment.
  - Implemented a full CI/CD pipeline in GitHub Actions to automate testing, Docker image building, and deployment to Docker Hub.
- **[DA Cheeky Cow – Restaurant Ordering System](#)** Oracle 11g, C#
  - Developed a C# Windows Forms restaurant ordering system with product selection, smart discounting, and instant receipt generation.

## SKILLS

- **Programming Languages:** Python, JavaScript, C++, C#, R, Bash, SQL, VBA
- **Front-End:** HTML, CSS, React.js, Next.js
- **Backend:** Django, Node.js, Express-JS, RESTful API
- **Generative AI :** LLM, Fine-Tuning LLM, RAG, AI Agents, Whisper, Deep Seek
- **Databases:** MySQL, Oracle, MongoDB
- **Deployment:** Docker, CI/CD, Kubernetes, Terraform, Vercel
- **Soft Skills:** Teamwork, Leadership, Problem-Solving, Client Communication

## HOBBIES

- Cricket
- Programming
- Gaming